

SEQUENCE LISTING

<110> Stashenko, Philip
Li, Yi-Ping

<120> Osteoclast Proton Pump Subunit

<130> 1564.1006-001

<140> 09/618,304

<141> 2000-07-18

<150> 08/605,378

<151> 1996-02-22

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

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<211> 822

<212> PRT

<213> Homo sapiens

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Arg Arg Phe Val Val Asp Val Trp Arg Cys Glu Glu Leu Glu Lys Thr
 50          55          60
Phe Thr Phe Leu Gln Glu Glu Val Arg Arg Ala Gly Leu Val Leu Pro
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Pro Pro Lys Gly Arg Leu Pro Ala Pro Pro Pro Arg Asp Leu Leu Arg
 85          90          95
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 165         170         175
His Lys Ala Pro Ala Leu Glu Arg Leu Leu Trp Arg Ala Cys Arg Gly
 180         185         190
Phe Leu Ile Ala Ser Phe Arg Glu Leu Glu Gln Pro Leu Glu His Pro
 195         200         205
Val Thr Gly Glu Pro Ala Thr Trp Met Thr Phe Leu Ile Ser Tyr Trp
 210         215         220
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 225         230         235         240
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 260         265         270
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Ala Leu Asn Gln Cys Ser Val Ser Thr Thr His Lys Cys Leu Ile Ala
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Ala	Val	Met	Phe	Gly	Asp	Val	Gly	His	Gly	Leu	Leu	Met	Phe	Leu	Phe
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Gln	Asn	Glu	Ile	Trp	Gln	Thr	Phe	Phe	Arg	Gly	Arg	Tyr	Leu	Leu	Leu
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Tyr	Pro	Arg	Gln	Glu	Val	Val	Gln	Ala	Thr	Leu	Val	Val	Leu	Ala	Leu
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Ala	Met	Val	Pro	Ile	Leu	Leu	Leu	Gly	Thr	Pro	Leu	His	Leu	Leu	His
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Asn															

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<211> 847

<212> PRT

<213> Artificial Sequence

<220>

<223> Consensus sequence

<221> VARIANT

<222> (1)...(847)

<223> Xaa = Any Amino Acid

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Arg	Xaa	Phe	Val	Xaa	Glu	Val	Arg	Arg	Cys	Glu	Glu	Met	Asp	Xaa	Xaa	50	55	60	
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Pro	Val	Thr	Gly	Asp	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Phe	Xaa	Ile	Xaa	Phe	210	215	220	
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Ser	Leu	Ala	His	Ala	Gln	Leu	Ser	Glu	Val	Leu	Trp	Xaa	Met	Val	Xaa
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 Leu Ile Met Glu Gly Leu Ser Ala Phe Leu His Ala Leu Arg Leu His
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 Trp Val Glu Phe Gln Asn Lys Phe Tyr Xaa Gly Thr Gly Phe Lys Phe
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